

FORM PTO-1449 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 200410	APPLICATION NO. 09/513,155
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Bahl et al.	
(Use several sheets if necessary)		FILING DATE February 25, 2000	GROUP Not yet assigned 2682

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	TRANSLATION
						YES NO*
R1	BG	2,311,697	Oct. 1, 1997	United Kingdom		
R1	BH	98,15149	April 9, 1998	Europe		
R1	BI	0,698,976	Feb. 28, 1996	Europe		
R1	BJ	0,930,514	July 21, 1999	Europe		
R1	BK	197,10,040	Sept. 24, 1998	Germany		Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).
1449EOPM (Rev. 7/13/2000)

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	AA	5,717,688	Feb. 10, 1998	Belanger et al.	_____	_____	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO*

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RP	AB	R. Azuma, <i>Tracking Requirements for Augmented Reality</i> , Communications of the ACM, Vol. 36, No. 7, pp. 50-51, July 1993.
RP	AC	S. Berchtold et al., <i>The X-Tree: An Index Structure for High Dimensional Data</i> , Proceedings of the Twenty-second International Conference on Very Large Data Bases, September 3-6, 1996.
RP	AD	S.F. Fortune et al, <i>WISE Design of Indoor Wireless Systems</i> , IEEE Computational Science and Engineering, Vol. 2, No. 1, pp. 58-68, Spring 1995.
RP	AE	P. Enge et al., <i>Scanning the Issue/Technology: Special Issue on Global Positioning System</i> . Proceedings of the IEEE, Vol. 87, no. 1, pp. 3-15, January, 1999
RP	AF	A. Harter et al, <i>A Distributed Location System for the Active Office</i> , IEEE Network, Vol. 8, no. 1, January/February 1994
RP	AG	H. Hashemi, <i>The Indoor Radio Propagation Channel</i> , Proceedings of the IEEE, Vol. 81, No. 7, pages 943-968, July 1993.
RP	AH	T.D. Hodes et al., <i>Composable Ad Hoc Mobile Services for Universal Interaction</i> , MobiCom '97 Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, pp. 1-12, September 26 - 30, 1997
RP	AI	H. Maass, <i>Location-Aware Mobile Applications Based on Directory Services</i> , MobiCom '97 Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, pp. 23-33, September 26 - 30, 1997
RP	AJ	S.O. Rice, <i>Mathematical Analysis of Random Noise</i> , Bell Systems Technical Journal, Vol. 23, pp. 282-332, 1944.
RP	AK	S.O. Rice, <i>Mathematical Analysis of Random Noise</i> , Bell Systems Technical Journal, Vol. 24, pp. 46-156, 1945.
RP	AL	Digital Equipment Corporation, <i>Digital RoamAbout 915/2400 DS/PC Card and ISA Network Adapter: Installation and Configuration</i> , April 1996
RP	AM	T. Seidl et al., <i>Optimal Multi-Step k-Nearest Neighbor Search</i> , Proceedings of ACM SIGMOD International Conference on Management of Data, Vol. 27, Issue 2, June 1998
RP	AN	S.Y. Seidel, <i>914 MHz Path Loss Prediction Model for Indoor Wireless Communications in Multi-Floored Buildings</i> , IEEE Transactions on Antenna and Propagation, Vol. 40, no. 2, pp. 207-217, February 1992
RP	AO	S. Tekinay, <i>Wireless Geolocation Systems and Services</i> , IEEE Communications Magazine, p. 28, April 1998.
RP	AP	R. Want et al, <i>The Active Badge Location System</i> , ACM Transactions on Information Systems, Vol. 40, no. 1, pp. 91-102, January 1992

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Raymond Penn

DATE CONSIDERED

9/30/03

*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).